

IN THE CLAIMS

Kindly **Replace** Claims 1, 2, 7, 8 and 15 with the following:

b1 1. A frequency converter for converting an intermediate frequency television signal (s2) to a low frequency by means of a mixer (4) which is fed at its radio-frequency signal input (4.1) with the intermediate -frequency television signal (s2) via an intermediate-frequency filter (3) and at its local-oscillator-signal input (4.2) with a local-oscillator signal (u), the frequency of the local-oscillator signal (u) lying in the range of an adjacent channel which is defined by a channel spacing ( $k_o$ ;  $k_o^*$ ) and a respective television standard, and which after the frequency conversion is suppressed as a converted adjacent channel, or at least attenuated to a negligible residual amplitude, by means of a high-pass selectivity skirt (HP) of a filter device (5).

2. The frequency converter of claim 1, wherein the frequency offset (df) of the local-oscillator signal (u) from the adjacent channel is less than the high-pass cutoff frequency (fg) of the filter device

7. A frequency converter for converting an intermediate-frequency television signal (s2) to a low frequency comprising:

b2 a mixer having a first and second inputs and an output;  
a first filter being coupled to said first input of said mixer and adapted to provide an intermediate-frequency television signal (s2) thereto;  
an oscillator coupled to said second input of said mixer and adapted to provide an oscillator-signal (u) lying in a range of an adjacent channel which is defined by a channel spacing ( $k_o$ ;  $k_o^*$ ) and a respective television standard; and

a second filter coupled to said output of said mixer for attenuating said adjacent carrier to a negligible residual amplitude.

8. The frequency converter of claim 7, wherein the frequency offset ( $\Delta f$ ) of the local-oscillator signal ( $\omega$ ) from the adjacent channel is less than the high-pass cutoff frequency ( $f_g$ ) of the filter device

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15. The method of claim 13, wherein a frequency offset ( $\Delta f$ ) of the oscillator signal ( $\omega$ ) from an adjacent channel is less than a high-pass cutoff frequency of the second filter.

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